

### SECTION I - PRODUCT IDENTIFICATION

TRADE NAME: **Hartco Clear Clean** PRODUCT CODE: # 341  
CHEMICAL NAME: Mixture anionic and nonionic surfactants CAS #: 9016-45-9  
DOT HAZARD CLASS: Non hazardous DATE: May 21, 2002  
DOT SHIPPING NAME: Cleaning compound NOI

### SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	%	CAS #	TLV (UNITS)	PEL
Nonylphenol Polyethoxylate	< 5	9016-45-9	ND	ND

### SECTION III - PHYSICAL DATA

BOILING POINT: (F) 212 SOLUBILITY: Complete pH: 9  
PERCENT VOLATILE: N/A VAPOR DENSITY: N/A VAPOR PRESSURE: N/A  
EVAPORATION RATE (BUTYL ACETATE = 1); N/A SPECIFIC GRAVITY: 1.01  
APPEARANCE & ODOR: Clear semi viscous liquid, no odor.

### SECTION IV - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: N/A  
FLAMMABLE LIMITS: N/A LOWER: N/A UPPER: N/A  
FIRE/EXPLOSION HAZARDS: None  
EXTINGUISHING MEDIA: Foam, CO2, dry chemical  
FIRE FIGHTING PROCEDURES: Avoid strong stream of water which would create foam.  
Fire fighters should wear self contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

### SECTION V - HEALTH HAZARD INFORMATION

PERMISSIBLE EXPOSURE LEVEL: ND  
EYES: May cause irritation and redness.  
SKIN: Overexposure may cause some skin dryness and irritation.  
INHALATION: Overexposure may cause irritation of upper respiratory tract.  
INGESTION: May cause nausea.  
THIS MATERIAL IS NOT LISTED AS A CARCINOGEN BY IARC, NTP OR OSHA  
HMIS HAZARD CLASS: Health = 1 Flammability = 0 Reactivity = 0 Other = NA  
Ranking: 0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

#### FIRST AID

EYE CONTACT: Flush with water for 15 minutes lifting eyelids. Get medical attention immediately  
SKIN CONTACT: Wash thoroughly with soap and water and treat with any moisturizing cream.  
INHALATION: Remove victim to fresh air. Administer artificial respiration if breathing ceases. Get medical attention immediately.  
INGESTION: Do not induce vomiting. Dilute by giving water. Give milk of magnesia. Get medical attention immediately.

### SECTION VI - REACTIVITY INFORMATION

STABILITY: Stable  
REACTIVITY: None will occur  
HAZARDOUS DECOMPOSITION INGREDIENTS: None  
HAZARDOUS POLYMERIZATION: At high temperatures, decomposes giving off slight amide odors.

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**SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES**

SMALL SPILLS: Confine spill. Recover as much as possible. Soak up remainder with sand or dirt. CAUTION, material is slippery on wet surfaces.

LARGE SPILLS: Confine spill. Recover as much as possible. Soak up remainder with sand or dirt. CAUTION, material is slippery on wet surface.

DISPOSAL: Dispose of in accordance with federal, state, and local regulations.

**SECTION VIII - SPECIAL PROTECTIVE EQUIPMENT**

EYE AND FACIAL: Wear chemical splash goggles.

SKIN: Protective gloves if material is hot.

RESPIRATORY: None required unless material is hot. Then, use vapor respirator.

VENTILATION: Local mechanical ventilation to keep TLV'S below recommended levels.

OTHER: None required.

**SECTION IX - SPECIAL PRECAUTIONS**

STORAGE: Keep from freezing.

HANDLING: Avoid strong oxidizing agents.

**LEGEND: ND, Not Determined; N/A Not Applicable; NA, Not Available.**

**NOTICE**

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